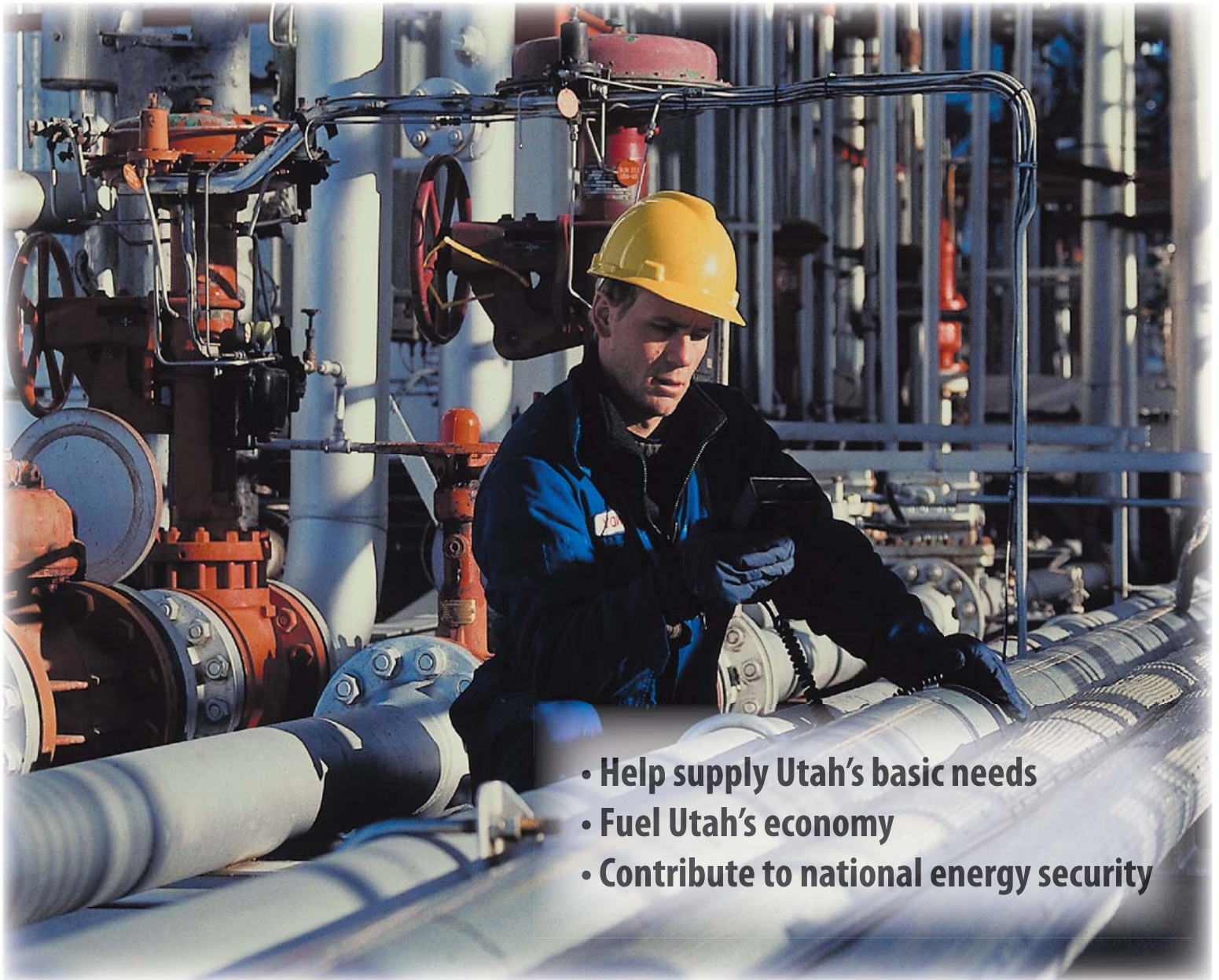


Climb the

# Energy

## Career Ladder



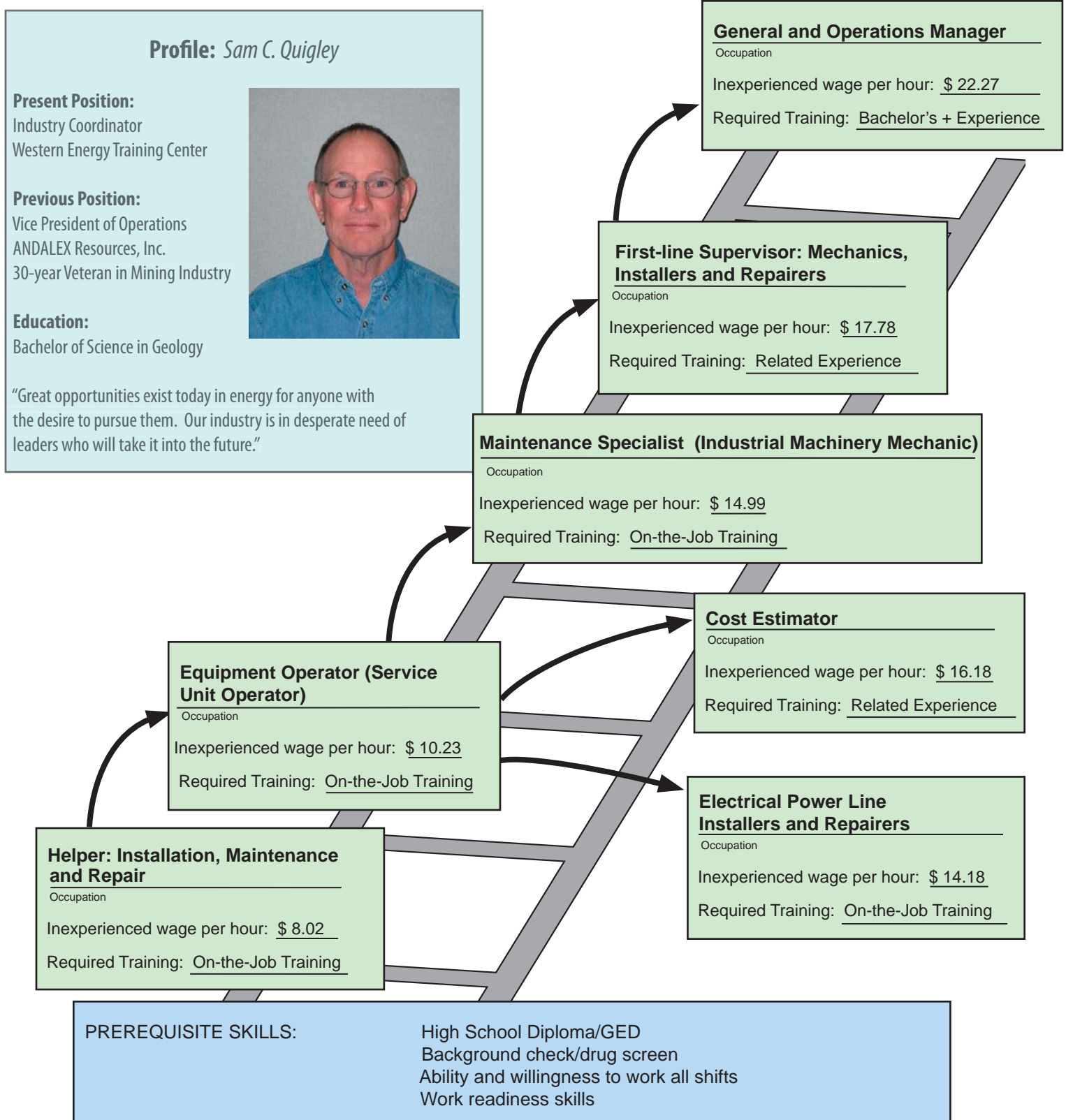
- Help supply Utah's basic needs
- Fuel Utah's economy
- Contribute to national energy security



Department of Workforce Services  
Workforce Development and Information Division

# Energy

## Sample Career Ladder



For energy job descriptions and training information, go to: [jobs.utah.gov/careers/energy](https://jobs.utah.gov/careers/energy)

# Build your own Energy

## Career Ladder



Picture yourself here!

\_\_\_\_\_

Occupation \_\_\_\_\_

Inexperienced wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

\_\_\_\_\_

Occupation \_\_\_\_\_

Inexperienced wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

\_\_\_\_\_

Occupation \_\_\_\_\_

Inexperienced wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

\_\_\_\_\_

Occupation \_\_\_\_\_

Inexperienced wage per hour: \$ \_\_\_\_\_

Required training/experience: \_\_\_\_\_

Target completion date: \_\_\_\_\_

Training institution: \_\_\_\_\_

Funding: \_\_\_\_\_

NOTES:



# Energy Career Ladder

Source: Utah Occupational Wages June, 2007

Department of Workforce Services, Workforce Information. Updated October 2007

<b>Bachelor's Degree or Higher</b>	<b>2004-2014* Outlook</b>	<b>Hourly Wage Inexperienced</b>	<b>Hourly Wage Median</b>	<b>Training Level</b>
Engineering Managers	★★★★★	\$ 33.82	\$45.29	Bachelor's + experience
Financial Managers	★★★★★	25.33	36.01	Bachelor's + experience
General and Operations Managers	★★★★★	22.27	35.57	Bachelor's + experience
Purchasing Managers	★★	24.07	35.99	Bachelor's + experience
Construction Managers	★★★★★	24.60	33.82	Bachelor's degree
Electrical Engineers	★★★★★	25.16	35.73	Bachelor's degree
Mining and Geological Engineers, Including Mining Safety Engineers	★★	31.23	41.36	Bachelor's degree
Surveyors	★★★	14.90	20.79	Bachelor's degree
<b>High School / GED + Training</b>	<b>2004-2014* Outlook</b>	<b>Hourly Wage Inexperienced</b>	<b>Hourly Wage Median</b>	<b>Training Level</b>
Electrical and Electronic Engineering Technicians	★★★★★	12.43	22.54	Associate degree
Geological and Petroleum Technicians	★★★	12.75	19.11	Associate degree
Bus and Truck Mechanics and Diesel Engine Specialists	★★★★★	13.94	18.86	Postsecondary vocational training
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	★★	27.07	31.53	Postsecondary vocational training
Mobile Heavy Equipment Mechanics, Except Engines	★★★★	14.54	20.91	Postsecondary vocational training
<b>On-the-Job Training/Certification</b>	<b>2004-2014* Outlook</b>	<b>Hourly Wage Inexperienced</b>	<b>Hourly Wage Median</b>	<b>Training Level</b>
Cost Estimators	★★★★★	16.18	24.07	Related work experience
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	★★★★★	18.35	22.88	Related work experience
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	★★★★	13.28	17.09	Related work experience
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	★★★★★	17.58	25.32	Related work experience
First-Line Supervisors/Managers of Production and Operating Workers	★★★★★	14.16	21.42	Related work experience
Industrial Production Managers	★★★★	24.04	35.67	Related work experience
Purchasing Agents, Except Wholesale, Retail, and Farm Products	★★★★★	16.17	22.83	Related work experience
Transportation, Storage, and Distribution Managers	★★★★	21.91	30.84	Related work experience
Electrical Power-Line Installers and Repairers	★★★★	14.18	23.81	More than 1 year
Electricians	★★★★★	13.22	19.12	More than 1 year
Gas Plant Operators	★★	14.28	25.84	More than 1 year
Industrial Machinery Mechanics	★★★★★	14.99	20.12	More than 1 year
Machinists	★★★★★	11.90	18.03	More than 1 year
Plumbers, Pipefitters, and Steamfitters	★★★★★	14.64	20.83	More than 1 year
Power Distributors and Dispatchers	★★	24.09	34.50	More than 1 year
Power Plant Operators	★★	18.77	25.10	More than 1 year
Stationary Engineers and Boiler Operators	★★	18.74	24.18	More than 1 year
Water and Liquid Waste Treatment Plant and System Operators	★★★★	13.37	17.74	More than 1 year
Welders, Cutters, Solderers, and Brazers	★★★★★	11.32	14.87	More than 1 year
Continuous Mining Machine Operators	★★	18.16	20.92	1 month to 1 year
Control and Valve Installers and Repairers, Except Mechanical	★★	18.40	21.45	1 month to 1 year
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	★★★	10.70	13.47	1 month to 1 year
Derrick Operators, Oil and Gas	NR**	15.32	17.48	1 month to 1 year
Dispatchers, Except Police, Fire, and Ambulance	★★★★	10.10	15.27	1 month to 1 year
Earth Drillers, Except Oil and Gas	★★★	9.95	11.82	1 month to 1 year
Excavating and Loading Machine and Dragline Operators	★★★★	14.38	16.38	1 month to 1 year
Maintenance and Repair Workers, General	★★★★★	9.56	14.18	1 month to 1 year
Mixing and Blending Machine Setters, Operators, and Tenders	★★★★	9.85	12.98	1 month to 1 year
Operating Engineers and Other Construction Equipment Operators	★★★★★	13.59	16.82	1 month to 1 year
Paving, Surfacing, and Tamping Equipment Operators	★★★★	11.32	15.46	1 month to 1 year
Roof Bolters, Mining	★★	16.80	20.27	1 month to 1 year
Rotary Drill Operators, Oil and Gas	★★	15.87	19.99	1 month to 1 year
Roustabouts, Oil and Gas	★★★	11.62	12.96	1 month to 1 year
Service Unit Operators, Oil, Gas, and Mining	★★★	10.23	16.61	1 month to 1 year
Surveying and Mapping Technicians	★★★	10.17	13.23	1 month to 1 year
Truck Drivers, Heavy and Tractor-Trailer	★★★★★	13.47	16.97	1 month to 1 year
Helpers--Extraction Workers	★★★★	9.96	13.21	Less than 1 month
Helpers--Installation, Maintenance, and Repair Workers	★★★	8.02	10.14	Less than 1 month
Industrial Truck and Tractor Operators	★★★★	9.69	12.47	Less than 1 month
Laborers and Freight, Stock, and Material Movers, Hand	★★★	7.65	10.00	Less than 1 month
Maintenance Workers, Machinery	★★★★	10.83	16.44	Less than 1 month
Packaging and Filling Machine Operators and Tenders	★★★	7.85	10.71	Less than 1 month
Production, Planning, and Expediting Clerks	★★★★	10.56	13.52	Less than 1 month
Truck Drivers, Light or Delivery Services	★★★	7.62	10.96	Less than 1 month

For more information, go to: <http://www.jobs.utah.gov/careers/energy>

\* For more information on the "star" rating system, please go to: <http://jobs.utah.gov/wi/pubs/adultcareerguide/topfivestarjobs.pdf>

Data for these occupations applies across all industries; it is not specific to energy.

\*\*NR = not rated